

Abstract of the Disclosure

Apparatus for generating and delivering a pressurized hot water pulse to a brewing station comprises a water inlet adapted to close during delivering the pulse, an outlet for the pulse, a generator comprising a water heating chamber for receiving a amount of water via the inlet and for heating the water therein to produce sufficiently hot water for the brewing station, a pressurization chamber for vaporizing water to generate pressurized steam to deliver the hot water as a pressurized hot water pulse to the brewing station through the outlet, and a heating system for the heating and the vaporization of the water in said pulse generator. The ^{heating}chamber has a first end adapted to receive pressurized steam and a second end close to the hot water intake port of the inlet. The pressurization chamber is adapted to provide pressurized steam to the first end of the heating chamber in such a manner that substantially no interaction occurs between the pressurized steam and the hot water between the first and second ends of the heating chamber, thereby substantially preventing the overheating of the hot water by the pressurized steam. The pulse generator is adapted to cause water to flow into the pressurization chamber from the water heating chamber or inlet for the generation of the pressurized steam.